

Patent Claims

1. Work table, consisting of a frame (1) with a vertical central column (5) as well as a base (6) and a height- and tilt-adjustable work surface (3), which is fastened to a support element (9), characterized by the fact that on the upper end of the central column (5) a joint seating device (7) is provided, about whose horizontal axis (17) a swivel arm (4) is arranged in a pivoting manner, wherein the swivel arm (4) contains another rotary joint (18), about whose horizontal axis (19) the support element (9) and the work surface (3) connected with it are arranged in a pivoting manner.
2. Work table pursuant to claim 1, characterized by the fact that on the central column (5) a leg rest (2) is arranged, which is fastened to the central column (5) via a support fork (8).
3. Work table pursuant to claim 2, characterized by the fact that the support fork (8) is axially displaceable on the central column (5) and can be rotated about the vertical axis.
4. Work table pursuant to claim 2, characterized by the fact that the support fork (8) can be rotated about the horizontal axis.
5. Work table pursuant to claim 1, characterized by the fact that the swivel arm (4) and the support element (8) are seated in a continuously pivoting manner about the horizontal axes (17, 19).

6. Work table pursuant to one of the claims 1 through 5, characterized by the fact that between the swivel arm (4) and the support element (9) a cable pull (10) is arranged for synchronous rotational coupling.
7. Work table pursuant to claim 6, characterized by the fact that the synchronous relation between the rotation of the swivel arm (4) and the rotation of the support element (9) is designed in such a way that the support element (9) is aligned horizontally when the swivel arm (4) is aligned vertically and the support element (9) is tilted by about 25° when the swivel arm (4) is aligned horizontally.
8. Work table pursuant to one of the claims 1 through 7, characterized by the fact that in the swivel arm (4) a blockable gas pressure spring (13) is arranged, which on one hand is seated in a bearing (14) at an angle beneath the joint seating device (7) and on the other hand in a bearing (15) roughly in the center of the swivel arm (4).
9. Work table pursuant to claim 8, characterized by the fact that the gas pressure spring (13) in the unblocked state has a gas spring thrust pressure, which compensates for the inherent weights of the work surface (3), the support element (9) and the swivel arm (4).
10. Work table pursuant to one of the claims 1 through 9, characterized by the fact that the base (6) is equipped with swivel rollers (20).